

Converting Colors

Hex(2F6F65)

Have a look what the booklet for
Hex(2F6F65) contains.

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Color

Hex(2F6F65)

Conversions

Conversions Part 1

Format	Color
Hex	2F6F65
RGB	47, 111, 101
RGB Percent	18%, 44%, 40%
CMY	0.8157, 0.5647, 0.6039
CMYK	0.58, 0.00, 0.09, 0.56
HSL	171°, 41%, 31%
HSV	171°, 58%, 44%
XYZ	9.2057, 12.9128, 14.3191
YIQ	90.7240, -34.9340, -16.6780

Conversions

Conversions Part 2

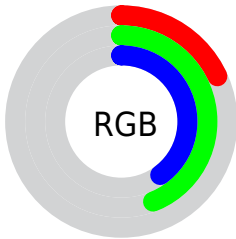
Format	Color
R_{YB}	47, 82, 111
Decimal	3108709
CIE Lab	42.63, -23.10, -0.62
CIE LCh	43, 23.111, 181.531
Yxy	12.9128, 0.2526, 0.3544
Android (android.graphics.Color)	4281298789 (0xFF2F6F65)
YUV	90.7240, 5.0661, -38.3459
Hunter-Lab	35.9344, -17.1569, 1.5282

Details

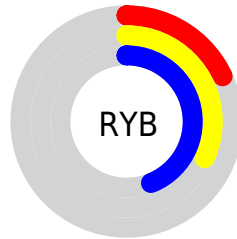
The Hex color **2F6F65** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6F2F39**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **63A398**, and **003F36** is the 20% darker color. If you saturate the color by 10%, you get **246F63**, and if you desaturate by 10%, it is **3A6F67**.

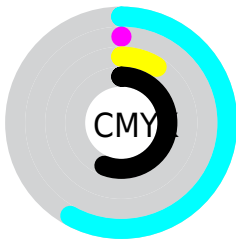
Distribution



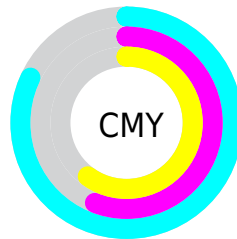
- Red (18%)
- Green (44%)
- Blue (40%)



- Red (18%)
- Yellow (32%)
- Blue (44%)



- Cyan (58%)
- Magenta (0%)
- Yellow (9%)
- Black (56%)



- Cyan (82%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6F65 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2F6F65 by changing the saturation by 10% instead.



2F6F65



2F6F65

FFFFFF



11564D



63A398



003F36



7EBEB3



002821



99DACE



00110B



B5F7EA



000000



D1FFFF



EEFFFF



2F6F65



2F6F65



246F63



3A6F67

■ 196F62

■ 456F68

■ 0E6F60

■ 506F6A

■ 036F5E

■ 5B6F6C

■ 006F5E

■ 676F6E

■ 726F6F

■ 7D6F71

■ 886F73

■ 936F75

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



466D52



2F6F65



216E78

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2F6F65



685F85



815D44

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2F6F65



6F2F39

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



895852



2F6F65



7E5977

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2F6F65



4C668A



895664



71643E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2F6F65



276D82



895664



845B48

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2F6F65



79918D



3A6F2F



3B4A48



C9C9C9



4A4A4A

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2F6F65



2D9182



2F5A6F



323837



007865



00F7D1

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6F2F39



912D3D



6F442F



383233



780013



F70027

Previews

White Background



This preview shows how the Hex color 2F6F65 looks on a white background.

Color Contrast Check

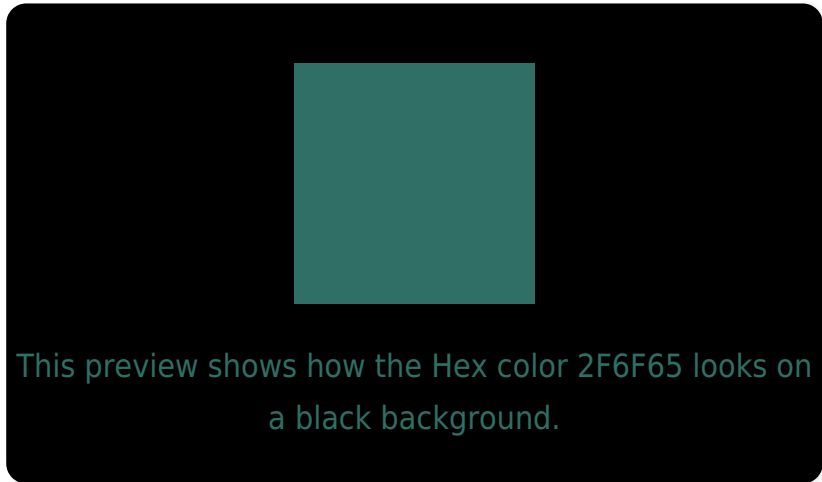
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

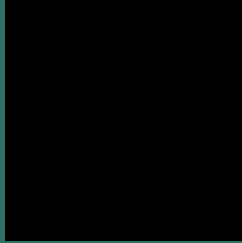
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2F6F65 Background



This preview shows how black text looks on a background with the Hex color 2F6F65.

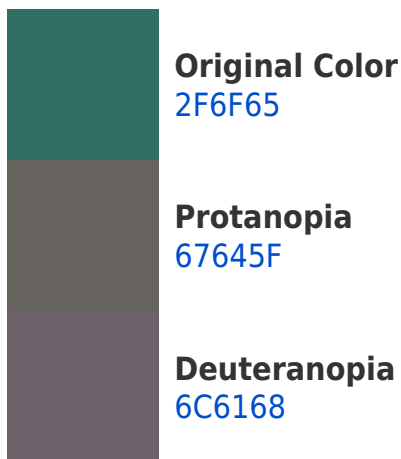



This preview shows how white text looks on a background with the Hex color 2F6F65.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

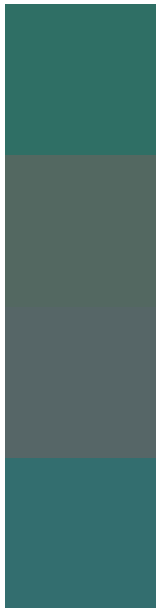
Dichromacy





Tritanopia
356D75

Trichromacy



Original Color
2F6F65

Protanomaly
536861

Deuteranomaly
566667

Tritanomaly
336E6F

Monochromacy



Original Color
2F6F65

Achromatopsia
5B5B5B

Achromatomaly
4B625F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6F65 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2F6F65 looks like.

```
.text, #text, p{  
    color:#2F6F65  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2F6F65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6F65
}
```

Border

The CSS property to change the border of an element to Hex 2F6F65 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2F6F65 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2F6F65 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2F6F65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6F65; -webkit-box-shadow:4px 4px  
4px 4px #2F6F65; box-shadow:4px 4px 4px  
4px #2F6F65 }
```

Background

The CSS property to change the background color of an element to Hex 2F6F65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6F65 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2F6F65 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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